***Copy and paste links beside information.***

**Research Notes:** **Hydraulic fracking is the process of drilling and injecting fluid into the ground at a high pressure in order to fracture shale rocks to release natural gas inside. Each gas well requires an average of 400 tanker trucks to carry water and supplies to and from the site takes 1-8 million gallons of water complete each fracturing job.** **The water brought in is mixed with sand and chemicals to create fracking fluid. Approximately 40,000 gallons of chemicals are used per fracturing.** **Up to 600 chemicals are used in fracking fluid, including known carcinogens and toxins such as lead, uranium, mercury, ETHYLENE GLYCOL, radium, methanol, hydraulic acid and even formaldehyde.**

1. **Topic**: hydraulic fracking
2. **Vocabulary (List with definitions)**

**-hydraulic fracking-definition; is the process of drilling and injecting fluid into the ground at a high pressure in order to fracture shale rocks to release natural gas inside.**

**-toxins definition;** **poisonous substances.**

**-shale definition;** **soft, finely stratified sedimentary rock that formed from consolidated mud or clay and can be split easily into fragile slabs.**

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1. **Concepts (Name and explain)**

**Hydraulic fracking is a method to release shale gas from deep under the earth**

1. **Impact (explain impact(s))**

**Toxic water gets released from the wells into the environment. When this water hits bodys of water it will contaminate it and will flow through the water with the current.**